

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/003226

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 C07C 303/40, C07C 311/37**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C07C 303/40, C07C 311/37

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
STN, CA-on CD, PAJ, KIPASS**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4880841 A (YAMANOUCHI PHARMA CO LTD.) 14 November 1989 see the whole documents	1-6
A	EP 257787 A1 (YAMANOUCHI PHARMACEUTICAL CO. LTD.) 02 March 1988 see the whole documents	1-6
A	JP2000-229901 A (YAMANOUCHI PHARMACEUTICAL CO. LTD.) 22 August 2000 see the whole documents	1-6
A	US4373106 A ((YAMANOUCHI PHARMACEUTICAL CO. LTD) 8 February 1983 see the whole documents	1-6

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

22 MARCH 2005 (22.03.2005)

Date of mailing of the international search report

**24 MARCH 2005 (24.03.2005)**

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/003226

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US4880841A	14.11.1989	CA1224494A1 DE3128117A1 ES8301882A1 FR2487827A1 GB2083022A IT1172230B US4880841A US5063246A	21.07.1987 11.03.1982 01.04.1982 05.02.1982 17.03.1982 18.06.1982 14.11.1989 05.11.1991
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